**Deliverable 1: Area of Interest**

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1. **Financial Crisis**

* Can we predict a financial crisis and the magnitude with available economical data, such as: interest rate, corporate and consumer debt, industrial production?
* Is there a financial model where companies can follow to maintain stability when a financial meltdown arrives?
* Which securities should outperform in a financial crisis?

1. **Soccer**

* Which team would be able to win a cup tournament? (European Soccer)
* Can we predict the probability of winning of a given team with the players’ statistics?
* Does the number of money spent on purchasing players affect the winning rate of team?

1. **Travelling**

* Can we predict which month, weekday or hour will plane tickets be on sale?
* Do the regions around the world affect frequency of flight travelling?
* Do low cost airlines have the high probability of bankruptcy?

1. **Housing**

* Can we predict when the value of real estate will be the most attractive to buy given other indicator (interest rate, population growth)?
* Does renting make sense versus buying a house early?
* How much mortgage should you borrow given your income?

1. **Climate change**

* Has the change in climate (global warming) affect the living of marine species?
* How many years until we can remove the dependency on fossil fuel?
* How many trees do we have to plant to neutralize the carbon footprint of one person?